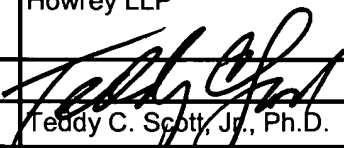
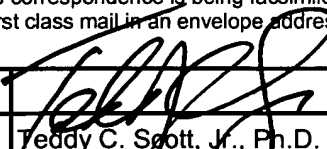


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| | | | |
|--|----------------------|------------------------|-------------------|
| TRANSMITTAL FORM <small>(to be used for all correspondence and initial filing)</small> | Application Number | 10/709,577 | |
| | Filing Date | May 14, 2004 | |
| | First Named Inventor | Itzhak Bentwich | |
| | Art Unit | 1632 | |
| | Examiner Name | Not yet assigned | |
| Total Number of Pages in This Submission | 10 | Attorney Docket Number | 06087.0202.CPUS02 |

| ENCLOSURES (Check all that apply) | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input checked="" type="checkbox"/> CD, Number of CD(s) <u>12</u> <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Second Preliminary Amendment, Statement Pursuant to 37 CFR 1.821(a) and (b); Transmittal Sheet for Submission of Compact Disc Pursuant to 37 CFR 1.52(e) Statement Pursuant to 38 CFR 1.825(a) and (b), Replacement sequence listing, Substitute Copy of Sequence Listing in computer readable form, and return-receipt postcard |
| <div style="border: 1px solid black; padding: 5px; min-height: 100px;"> Remarks </div> | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
|--|---|-----------------|
| Firm Name | Howrey LLP | |
| Signature |  | |
| Printed name | Teddy C. Scott, Jr., Ph.D. | |
| Date | August 29, 2005 | Reg. No. 53,573 |

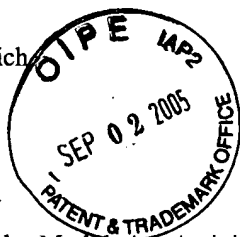
| CERTIFICATE OF TRANSMISSION/MAILING | | |
|---|---|----------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | |
| Signature |  | |
| Typed or printed name | Teddy C. Scott, Jr., Ph.D. | Date August 29, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Itzhak Bentwich
App. No.: 10/709,577
Conf. No.: 3576
Filing Date: May 14, 2004
Title: Small Molecules Modulating Activity
of Micro RNA Oligonucleotides and
Micro RNA Targets and Uses Thereof
Art Unit: 1632
Examiner: Not yet assigned

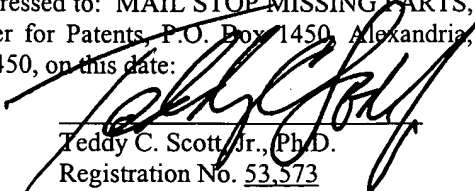


CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date:

08/29/2005

Date


Teddy C. Scott, Jr., Ph.D.
Registration No. 53,573

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION**

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application mailed July 20, 2005, Applicants submit herewith the following:

- Subsequent Submission of Sequence Listing under 37 C.F.R. §1.825(a), submitted as a series of four compact discs (2 copies of each CD) under §1.52(e).
- Subsequent copy of the Sequence Listing in computer readable format on a series of 4 compact discs (submitted pursuant to §1.825(b);
- Statement Pursuant To 37 C.F.R. §1.825(a) and (b) (1 page);
- Transmittal Sheet For Submission Of Compact Disc Pursuant To 37 C.F.R. §1.52(e) (1 page);
- Copy of the Notice to File Missing Parts of Nonprovisional Application (2 pages);
- Second Preliminary Amendment (3 pages);
- Transmittal Letter (1 page); and
- Return receipt postcard.

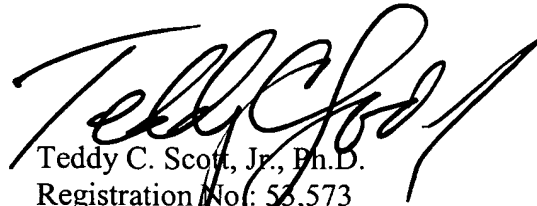
No additional fees are believed to be due in connection with the filing of this Response. However, should any additional fees be deemed necessary for any reason relating to this document, the Commissioner is hereby authorized to deduct the fees from Howrey Simon Arnold & White, LLP Deposit Account 08-3038, referencing the above-identified attorney docket number.

Respectfully submitted,

HOWREY LLP

Dated: August 29, 2005

By:


Teddy C. Scott, Jr., Ph.D.
Registration No.: 55,573
Customer No.: 22930

HOWREY LLP
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Chicago, IL 60661
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UNITED STATES PATENT AND TRADEMARK OFFICE

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| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/709,577 | 05/14/2004 | Itzhak Bentwich | 04-0761.RNTC/bh |

37808
 ROSETTA-GENOMICS
 10 PLAUT-STREET SCIENCE PARK
 P.O. BOX 2061
 REHOVOT, 76706
 ISRAEL



CONFIRMATION NO. 3576

FORMALITIES LETTER



OC000000016567242

Date Mailed: 07/20/2005

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

— FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The compact disc(s) submitted fail to comply with 37 CFR 1.52(e) in that they contain non-ASCII files. A new duplicate set of compact discs with only ASCII files is required. Any replacement compact disc submitted should be accompanied by a certification as required by 37 CFR 1.52(e) that each disc of a duplicate set is identical to the other disc of the set. If a directory of the disc could be printed, it is attached and non-ASCII files are marked on the directory listing.
- This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c). Applicant must provide an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d). Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

To Download Patentin Software, visit <http://www.uspto.gov/web/patents/software.htm>
For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

Office of Initial Patent Examination (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

BEST AVAILABLE COPY